

Amendments to the Claims

The following listing of claims will replace all prior versions, and listings, of claims in the application. The amendment to the claims are in compliance with 37 C.F.R. § 1.173 for reissue amendments.

1. (Currently Amended) A method for enhancing the immune response to infection by *E. coli* in a mammal in need thereof [protection against infection which] comprising [comprises] administering to said mammal [a patient in need of such protection] a composition comprising riboflavin, flavin mononucleotide, flavin adenine dinucleotide, or pharmacologically permissible salts thereof [and/or a riboflavin derivative].
2. Cancel claim 2.
3. (Currently amended) The method according to claim 1, wherein the composition further comprises [riboflavin and/or a riboflavin derivative and] an antibiotic effective against *E. coli*.
4. (Currently amended) The method according to claim 1, wherein the composition is administered to the mammal [patient] in an amount ranging from 0.1 to 500 mg/kg of weight of the mammal [patient].
5. (Currently amended) The method according to claim 1, wherein the composition is administered to the mammal [patient] in a form of intramuscular injection, intravenous injection, subcutaneous injection or oral administration.
6. (Currently amended) [A] The method of claim 1, [for protection against infection which comprises administering to a patient in need of such protection a] wherein the composition [comprising] further comprises [riboflavin and/or a riboflavin and/or a riboflavin derivative and a] at least one water-soluble polymer selected from the group consisting of polyvinyl pyrrolidone, sodium carboxymethyl cellulose, methyl cellulose, hydroxypropyl cellulose,

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hydroxypropylmethyl cellulose, sodium chondroitin sulfate, polyethylene-hardened castor oil, polyoxysorbitan fatty acid esters and polyvinyl alcohol [or lecithin].

7. Cancel claim 7.

8. (Currently amended) The method [according to claim 6] of claim 1, wherein the composition further comprises at least one [the] lecithin [is one or more] selected from the group consisting of yolk lecithin, soybean lecithin and hydrogenated lecithins [thereof].

9. (Currently amended) The method of claim 3, wherein the antibiotic is selected from the group consisting of amoxicillin, tetracycline, and oxycycline hydrochloride.

10. - 57. Cancel claims 10-57.

58. (Previously presented) The method of claim 1, wherein the composition further comprises glutamine and proline.

59. - 62. Cancel claims 59-62.